

ABSTRACT OF THE DISCLOSURE

In a highly available storage system, an enclosure includes first and second power
5 supplies, and first and second controller boards. Each of the first and second controller
boards includes first and second serial bus controllers. First and second serial buses are
coupled to both of the first and second serial bus controllers on each of the first and
second controller boards. The first serial bus is coupled to the first power supply, while
the second serial bus coupled to the second power supply. The first and second serial
10 buses are used for exchanging enclosure management and environmental information
between the first and second power supplies and the first and second controller boards.
The first and second serial buses are coupled to isolation switches so that redundant
modules can operate if a serial bus controller fails.